Kappa Select Kit

Cat. No. Kappa-001A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Antibody fragments, especially Fabs, are getting increased attention as potential biopharmaceuticals because they have some advantages over monoclonal antibodies (MAbs), KappaSelect is an affinity medium designed for the purification of human Fab (kappa) fragments.
Cat.no	Kappa-001A
Form	suspension in 20% ethanol
Matrix	Highly cross-linked agarose
Average particle size	75 µm
Ligand	Recombinant protein (Mr 13 000), produced in S. cerevisiae, with affinity for the constant domain of the immunoglobulin kappa light chain
Ligand concentration	Approx. 5 mg/ml of medium
Dynamic binding capacity	Approximately 15 mg Fab/mL of medium
Recommended flow rate	At least 600 cm/h in a 1 m diameter column, with 20 cm bed height at 20°C using buffers with the same viscosity as water at< 3="">
Viscosity	We recommend storing the media in 20% ethanol at 2°C to 8°C. KappaSelect is

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	supplied as suspension in 20% ethanol.
Chemical stability	Stable to all commonly used aqueous buffers: 6 M urea, 6 M guanidine hydrochloride, 70 % ethanol, 30 % isopropanol
pH working range	3-10
pH CIP range	2-12
Elution buffer	0.1 M glycine buffer, pH 2.5–3.0
Warning	Prolonged exposure (i.e., several days) to pH< 2="" should="" be="" avoided="" due="" to="" slow="" decomposition="" of="" the="" agarose="" matrix="" at="" low="" ph.="" for="" kappaselect="" avoid="" ph="">12

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA